

Appln. No. : Unknown
Filed : Herewith

This listing of claims will replace all prior versions, and listings, of claim in the application:

Listing of Claims:

Claims 1-161 (canceled)

Claim 162 (original): A tool for moving within a passage, comprising:

 a body configured for insertion into a passage, said body defining a piston fixed with respect to said body;

 an assembly mounted radially outward from said body, said assembly at least partially defining a chamber surrounding said piston, said assembly being longitudinally slidable with respect to said body; and

 a gripper coupled to said assembly, said gripper configured to anchor itself to an inner surface of the passage when said gripper is in an expanded condition and permit relative movement between said gripper and said inner surface of said passage when said gripper is in a retracted position;

 wherein a fluid may be directed through said chamber against said piston whereby pressure of said fluid causes relative movement between said assembly and said piston and from said chamber into a gripper actuation channel whereby pressure of said fluid moves said gripper into said expanded condition.

Claim 163 (original): The self-propelled tool of Claim 162, said body further comprising a first tubular housing and a second tubular housing, said first tubular housing being disposed around said second tubular housing such that a first annulus is provided there between.

Claim 164 (original): The tool of Claim 162, further comprising a valve assembly for selectively directing fluid through said first annulus and out through a plurality of ports extending through said first tubular housing for actuating said gripper.

Claim 165 (original): The self-propelled tool of Claim 162, further comprising a bottom hole assembly secured to said body of said tool.

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Claim 166 (original): The self-propelled tool of Claim 165, wherein said bottom hole assembly further comprises a drill bit.

Claim 167 (original): A tool for moving within a passage, comprising:

a body configured for insertion into a passage, said body defining a first piston and a second piston, each fixed with respect to said body;

a first assembly mounted radially outward from said body, said first assembly at least partially defining a first chamber surrounding said first piston, said first assembly being longitudinally slidable with respect to said body; and

a first gripper coupled to said first assembly and longitudinally slidable relative said body, said first gripper defining a first channel and a first gripping surface, said first gripping surface moving radially outward in response to fluid pressure in said first channel;

wherein a fluid may be directed through said first chamber and from said first chamber into said first channel;

a second assembly mounted radially outward from said body, said second assembly at least partially defining a second chamber surrounding said second piston, said second assembly being longitudinally slidable with respect to said body; and

a second gripper coupled to said second assembly and longitudinally slidable relative said body, said second gripper defining a second channel and a second gripping surface, said second gripping surface moving radially outward in response to fluid pressure in said second channel;

wherein a fluid may be directed through said second chamber and from said second chamber into said second channel.

Claim 168 (original): The self-propelled tool of Claim 167, said body further comprising a first tubular housing and a second tubular housing, said first tubular housing being disposed around said second tubular housing such that a first annulus is provided there between.

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Claim 169 (original): The tool of Claim 168, further comprising a valve assembly for selectively directing fluid through said first annulus and out through a plurality of ports extending through said first tubular housing for actuating either said first or second gripper.

Claim 170 (original): The tool of Claim 169, said first assembly comprising a first barrel and said second assembly comprising a second barrel.

Claim 171 (original): The tool of Claim 167, said first assembly comprising a first barrel and said second assembly comprising a second barrel.

Claim 172 (original): The self-propelled tool of Claim 167, further comprising a bottom hole assembly secured to said body of said tool.

Claim 173 (original): The self-propelled tool of Claim 172, wherein said bottom hole assembly further comprises a drill bit.

Claim 174 (original): A method of moving an item within a passage, comprising:
providing a tool having an elongate body, an assembly slidably coupled to and extending radially outward from said body and at least partially defining a power chamber there between, and a gripper coupled to said assembly and including a gripper actuation channel, said gripper actuation channel being in fluid communication with said power channel;

connecting said body to the item;

moving said tool and the item into the passage;

directing fluid into said power chamber for producing relative movement between said body and said cylinder for moving the item through the passage; and

directing fluid through said power chamber and into said gripper actuation chamber for expanding said gripper such that a surface of said gripper engages an inner surface of the passage.

Claim 175 (original): A method of moving an item within a passage, comprising:

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providing a tool having an elongate body, first and second assemblies slidably coupled to and surrounding said body and at least partially defining first and second power chambers, and first and second grippers being coupled to said first and second assemblies, respectively;

connecting said body to the item;

moving said tool and the item into the passage;

directing fluid into said first power chamber for causing said body to advance relative to said first assembly;

directing fluid through said first power chamber for expanding said first gripper;

directing fluid into said second power chamber for causing said body to advance relative to said second assembly; and

directing fluid through said second power chamber for expanding said second gripper.